R. Swartz

#6 8/18/00

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1641

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RAW SEQUENCE LISTING                        DATE: 08/14/2000
PATENT APPLICATION:  US/09/501,328          TIME: 16:06:10

     Input Set : A:\70110032seq.txt.txt
     Output Set: N:\CRF3\08142000\I501328.raw
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 3 <110> APPLICANT: Macklin, Michael D.
 4         Fuller, Deborah L.
 6 <120> TITLE OF INVENTION: MYCOBACTERIUM TUBERCULOSIS IMMUNIZATION
 8 <130> FILE REFERENCE: 7011-0032
10 <140> CURRENT APPLICATION NUMBER: 09/501,328
11 <141> CURRENT FILING DATE: 2000-02-09
13 <160> NUMBER OF SEQ ID NOS: 20
15 <170> SOFTWARE: PatentIn Ver. 2.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 30
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence: Antigen 85A
24         forward primer
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32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: Antigen 85A
36         reverse primer
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44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence: Antigen 85B
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55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Antigen 85B
60         reverse primer
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65 <210> SEQ ID NO: 5
66 <211> LENGTH: 27
67 <212> TYPE: DNA
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70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Antigen 85C
72       forward primer
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75 ggagctagct tctctaggcc cggtctt                                  27

77 <210> SEQ ID NO: 6
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79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Antigen 85C
84       reverse primer
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87 ggtggatcct caggcggccg gcgcagc                                  27

89 <210> SEQ ID NO: 7
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91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
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95 <223> OTHER INFORMATION: Description of Artificial Sequence: ESAT-6 forward
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98 <400> SEQUENCE: 7
99 ggagctagca tgacagagca gcagtggaat                               30

101 <210> SEQ ID NO: 8
102 <211> LENGTH: 30
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: ESAT-6 reverse
108       primer
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111 ggtggatccc tatgcgaaca tcccagtgac                              30

113 <210> SEQ ID NO: 9
114 <211> LENGTH: 29
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: DES forward
120       primer
122 <400> SEQUENCE: 9
123 ggagctagca tgtcagccaa gctgaccga                               29

125 <210> SEQ ID NO: 10
126 <211> LENGTH: 30
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: DES reverse
132       primer
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PATENT APPLICATION: US/09/501,328   TIME: 16:06:10

Input Set : A:\70110032seq.txt.txt
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151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
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163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: MPT 32 (45/47
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173 <210> SEQ ID NO: 14
174 <211> LENGTH: 30
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: MPT 32 (45/47
180       gene) reverse primer
182 <400> SEQUENCE: 14
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186 <211> LENGTH: 30
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: MPT 64 forward
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194 <400> SEQUENCE: 15
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197 <210> SEQ ID NO: 16
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RAW SEQUENCE LISTING   DATE: 08/14/2000
PATENT APPLICATION: US/09/501,328   TIME: 16:06:10

    Input Set : A:\70110032seq.txt.txt
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200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: MPT 64 reverse
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210 <211> LENGTH: 40
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
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216   primer
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222 <211> LENGTH: 36
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: MPT 63 reverse
228   primer
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233 <210> SEQ ID NO: 19
234 <211> LENGTH: 30
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: hsp65 forward
240   primer
242 <400> SEQUENCE: 19
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245 <210> SEQ ID NO: 20
246 <211> LENGTH: 30
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: hsp65 reverse
252   primer
254 <400> SEQUENCE: 20
255 cctggatcct cagaaatcca tgccacccat   30

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/501,328

DATE: 08/14/2000
TIME: 16:06:11

Input Set : A:\70110032seq.txt.txt
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